

L Number	Hits	Search Text	DB	Time stamp
-	17060	tube adj forming	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/12 14:47
-	555	tube-forming	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/12 14:36
-	16508	tube adj forming	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/12 14:47
-	17060	tube adj forming	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/12 14:47
-	1391	(tube-forming or (tube adj forming)) and (notch\$3 or punch\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/12 17:08
-	330	83/582.cccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/12 17:10
-	275	83/914.cccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/12 17:10
-	153	83/916.cccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/12 17:11
-	638	83/588.cccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/12 17:11
-	311	(83/185.cccls. or 83/582.cccls. or 83/627.cccls. or 83/628.cccls. or 83/914.cccls. or 83/916.cccls. or 83/917.cccls. or 83/588.cccls. or 83/178.cccls. or 83/191.cccls.) and (tube or pipe or hollow)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/12 17:28
-	310	(83/185.cccls. or 83/582.cccls. or 83/627.cccls. or 83/628.cccls. or 83/914.cccls. or 83/916.cccls. or 83/917.cccls. or 83/588.cccls. or 83/178.cccls. or 83/191.cccls.) and cam	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/12 17:31
-	98	((83/185.cccls. or 83/582.cccls. or 83/627.cccls. or 83/628.cccls. or 83/914.cccls. or 83/916.cccls. or 83/917.cccls. or 83/588.cccls. or 83/178.cccls. or 83/191.cccls.) and (tube or pipe or hollow)) and ((83/185.cccls. or 83/582.cccls. or 83/627.cccls. or 83/628.cccls. or 83/914.cccls. or 83/916.cccls. or 83/917.cccls. or 83/588.cccls. or 83/178.cccls. or 83/191.cccls.) and cam)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/12 17:31
-	0	83/628.cccls. and 83/191.cccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/12 18:15
-	6	83/185.cccls. and 83/191.cccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/12 18:17
-	4	83/178.cccls. and 83/191.cccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/12 18:18

-	85	83/178.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/13 15:45
-	57	83/185.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/13 15:45
-	86	83/191.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/13 15:46
-	758	83/628.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/13 17:55
-	0	(83/178.ccls. or 83/185.ccls. or 83/191.ccls.) and 83/628.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/13 17:04
-	0	83/191.ccls. and 83/628.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/13 16:08
-	0	83/178.ccls. and 83/628.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/13 16:08
-	0	83/185.ccls. and 83/628.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/13 16:08
-	170	83/627.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/13 16:08
-	1	(83/178.ccls. or 83/185.ccls. or 83/191.ccls.) and 83/627.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/13 16:10
-	10	(83/178.ccls. or 83/185.ccls. or 83/191.ccls.) and eccentric	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/13 16:10
-	462	83/917.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/13 17:04
-	6	(83/178.ccls. or 83/185.ccls. or 83/191.ccls.) and 83/917.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/13 17:08
-	40	(83/178.ccls. or 83/185.ccls. or 83/191.ccls.) and (pierce\$3 or punch\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/13 17:08
-	21	("2736949"   "3271988"   "3802310"   "3915044"   "4043236"   "4087912"   "4096727"   "4399829"   "4534250"   "4597180"   "4631996"   "4763550"   "4765173"   "4832069"   "4936013"   "4956916"   "5044388"   "5233749"   "5699708"   "5784920"   "5829299").PN.	USPAT	2003/08/13 17:12
-	9	("2323546"   "3005369"   "3180196"   "3455196"   "3971275"   "4043164"   "4194422"   "4459886"   "4913021").PN.	USPAT	2003/08/13 17:15

		25	( "1398320"   "1502097"   "1503551"   "1549462"   "1581810"   "2315340"   "2326536"   "2329020"   "2419534"   "2423791"   "2630862"   "2875829"   "3286570"   "3374697"   "3473425"   "3485124"   "3557649"   "3579767"   "3580122"   "3756108"   "3782231"   "3949632"   "4269094"   "4524661"   "4633744" ). PN.	USPAT	2003/08/13 17:19
		5	( "2347808"   "3611853"   "3839931"   "4003279"   "4601223" ). PN.	USPAT	2003/08/13 17:21
		8	( "3261248"   "3289511"   "3535964"   "4205545"   "4584749"   "4621553"   "4633744"   "4802393" ). PN.	USPAT	2003/08/13 17:22
		3	750746.URPN.	USPAT	2003/08/13 17:23
		7	( "2109356"   "2431230"   "2905063"   "3426646"   "3591139"   "3765305"   "5018913" ). PN.	USPAT	2003/08/13 17:24
		3	( "0387408"   "2704124"   "3153360" ). PN.	USPAT	2003/08/13 17:25
		1	2320272.URPN.	USPAT	2003/08/13 17:26
		5	( "0277452"   "1491464"   "2126519"   "2364334"   "3073195" ). PN.	USPAT	2003/08/13 17:27
		5	( "0277452"   "1491464"   "2126519"   "2364334"   "3073195" ). PN.	USPAT	2003/08/13 17:27
		7	4194422.URPN.	USPAT	2003/08/13 17:27
		5	3180196.URPN.	USPAT	2003/08/13 17:27
		140	83/628.ccls. and (dual or double or tow or second)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/13 17:56
		21	83/628.ccls. and (dual or double).	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/13 18:12
		359	(83/\$.ccls. or 72/\$.ccls.) and ((eccentric or cam) with (dual or double))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/13 18:14
		88	(83/\$.ccls. or 72/\$.ccls.) and ((double or dual) adj (eccentric or cam))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/15 12:46
		7	( "0877855"   "1216426"   "1280199"   "3494233"   "3657951"   "4003279"   "4059036" ). PN.	USPAT	2003/08/13 18:51
		2	4846014.bn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/14 17:01
		958	(83/\$.ccls. or 72/\$.ccls.) and ((opening or compartment) with (eccentric or cam))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/15 12:56
		376	((83/\$.ccls. or 72/\$.ccls.) and ((opening or compartment) with (eccentric or cam))) and flat	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/15 12:49
		26	(83/\$.ccls. or 72/\$.ccls.) and ((opening or compartment) with (eccentric or cam) with flat)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/15 13:07
		1008	(83/\$.ccls. or 72/\$.ccls.) and (slot with (eccentric or cam))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/15 13:07
		151	(83/\$.ccls. or 72/\$.ccls.) and (slot with (eccentric or cam) with surface) not follower	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/15 13:16

-	4	(83/\$.ccls. or 72/\$.ccls.) and ((ramp adj cam) with (opening or slot))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/15 13:19
-	25	(83/\$.ccls. or 72/\$.ccls.) and (ramp adj cam)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/15 13:19